Index of Claims

| Application No.  | Applicant(s)       |  |
|------------------|--------------------|--|
| 10/691,416       | KELLEY, PATRICK W. |  |
| Examiner         | Art Unit           |  |
| Stephen J. Stein | 1775               |  |

| <b>→</b> | Rejected |
|----------|----------|
| II       | Allowed  |

| _ | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| ÷ | Restricted                     |

| N | Non-Elected  |
|---|--------------|
| - | Interference |

| A | Appeal   |
|---|----------|
| 0 | Objected |

| Cla            | aim      |              |          |              |  | Date         | e        |  |              |          |   | Cla          | im       |  |          |         | Date                    |               |               |        | ÇI       | aim        |          |                     |          |          | ate      | -        |          |          |           |
|----------------|----------|--------------|----------|--------------|--|--------------|----------|--|--------------|----------|---|--------------|----------|--|----------|---------|-------------------------|---------------|---------------|--------|----------|------------|----------|---------------------|----------|----------|----------|----------|----------|----------|-----------|
| Final          | Original | 7/12/04      | 12/21/04 | 10/20/05     |  |              |          |  |              |          |   | Final        | Original |  |          |         |                         |               |               |        | Final    | Original   |          |                     |          |          |          |          |          |          |           |
|                | 1        | 4            | √        | 1            |  |              |          |  |              |          |   |              | 51       |  |          |         |                         |               |               |        |          | 101        |          | 7                   |          |          |          |          | T        | 十        | ヿ         |
|                | 2        | 7            |          |              |  |              |          |  |              |          |   |              | 52       |  |          |         |                         |               |               |        |          | 102        |          |                     | 1        | 寸        |          |          |          | $\neg$   | ╗         |
|                | 3        | 1            |          |              |  |              |          |  |              |          |   |              | 53       |  |          |         |                         |               | П             |        |          | 103        |          |                     |          |          |          | T        | T        | ヿ        | $\neg$    |
|                | 4        | 1            | 4        | 1            |  | _            |          | L.   | L            |          |   |              | 54       |  |          |         |                         |               |               |        |          | 104        |          |                     |          |          |          |          |          | $\Box$   |           |
|                | 5        | 1            | 1        | 1            | Ŀ  | _            |          | <u> </u>   | Ш            |          |   |              | 55       | Ш  |          | ┸       |                         |               | $\sqcup$      |        |          | 105        |          |                     |          |          |          |          |          |          |           |
| ļ              | 6        |              | <b>1</b> | 1            | <u> </u>   |              | ļ.,      | ļ  |              |          |   |              | 56       | Ш  |          | _       | $\sqcup$                |               | $\perp \perp$ | _      |          | 106        |          | $\perp$             | $\dashv$ |          |          |          |          | $\perp$  |           |
|                | 7        | <u> </u>     | 1        | 1            | <u> </u>   | -            |          | ┡  | L            |          |   | <u> </u>     | 57       | $\sqcup$   |          | _       | $\sqcup$                | _             | $\perp$       | _      |          | 107        |          | _                   | _        |          |          |          | 4        | 4        |           |
|                | 8        | -            | 1        | 1            | <u> </u>   |              | <u> </u> | ╀  | _            |          | ł |              | 58       | H  | $\perp$  | -       | +-                      | -             | $\sqcup$      |        |          | 108        |          | $\dashv$            | _        | _        | _        | _        | _        | _        | _         |
|                | 9<br>10  | _            | 1        | 1            | -  | -            | _        | ┢  | Н            |          |   | -            | 59       | H  | -        | +       |                         | _             | 1-1           |        |          | 109        | $\dashv$ | -                   | -        |          | _        | _        |          | 4        | 4         |
|                |          |              | 1        | 1            | <u> </u>   | $\vdash$     | -        | ├  | Ш            |          |   | -            | 60       | Н  | +        |         | +                       |               | +             |        |          | 110        | -        | _                   | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | -        | 4        | ႕         |
| $\vdash$       | 11<br>12 | $\vdash$     | 1        | 7            | $\vdash$   | -            | H        | $\vdash$   | $\vdash$     |          | 1 | <del> </del> | 61<br>62 | H  | -        | +       | +                       | -             | +             |        |          | 111<br>112 |          | -                   | -        | $\dashv$ | $\dashv$ | $\dashv$ | +        | $\dashv$ | $\dashv$  |
| $\vdash$       | 13       | <del> </del> | 1        | V            | $\vdash$   | $\vdash$     | 1        | ╁  | $\vdash$     |          | 1 | <del> </del> | 63       | $\vdash$   | +        | +       | ╂╾╉                     |               | +             | -      |          | 113        | Н        | +                   | $\dashv$ |          | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | ᅱ         |
| $\vdash$       | 14       |              | Ė        | ΙŤ           | $\vdash$   |              | -        | $\vdash$   |              |          | 1 | <b> </b>     | 64       | $\vdash$   | $\dashv$ | +       | +                       | +-            | +             | -      |          | 114        | Н        | $\dashv$            | $\dashv$ |          | $\dashv$ | $\dashv$ | $\dashv$ | +        | ᅱ         |
|                | 15       |              |          | $\vdash$     |  | 1            | ┢        | T  | Ħ            |          | 1 |              | 65       | H  | 1        | +-      | ╆                       | _             | $\Box$        | $\neg$ |          | 115        | Н        | $\dashv$            | _        | $\dashv$ | _        | $\dashv$ |          | $\dashv$ | ᅥ         |
|                | 16       |              |          |              | $\vdash$   | T            | T        | t  |              |          | 1 |              | 66       | П  |          | $\top$  | T                       | <u> </u>      | 17            |        |          | 116        | Н        | 寸                   | _        | $\neg$   |          |          | $\dashv$ | _        | ᅥ         |
|                | 17       |              |          |              |  |              |          | Т  |              |          | 1 |              | 67       |  |          | $\top$  | $\Box$                  | $\neg \vdash$ | 1 1           |        |          | 117        |          |                     | $\neg$   |          |          |          | _        | 寸        | $\dashv$  |
|                | 18       |              |          |              |  |              | Ī        |  |              |          | 1 |              | 68       | П  |          | ┪       | 1 1                     |               |               |        |          | 118        |          | $\neg$              | $\neg$   |          | •        |          | $\neg$   | 寸        | ᅥ         |
|                | 19       |              |          |              |  |              | Г        |  |              |          |   |              | 69       | П  |          |         | $\Box$                  | 1             |               |        |          | 119        |          |                     |          |          |          |          | T        | 寸        | ᅱ         |
| •              | 20       |              |          |              |  |              |          |  |              |          | ] |              | 70       |  |          |         |                         |               |               |        |          | 120        |          |                     |          |          |          |          |          | $\neg$   | コ         |
|                | 21       |              |          |              |  |              |          |  |              |          |   |              | 71       |  |          |         |                         |               |               |        |          | 121        |          |                     | Ī        |          |          |          |          | T        | П         |
|                | 22       |              | ٠        | <u> </u>     | L  | L            | 乚        |  |              |          |   |              | 72       |  |          |         |                         |               | $\Box$        |        |          | 122        |          |                     |          |          |          |          |          | $\Box$   |           |
|                | 23       |              |          |              | <u> </u>   | $oxed{oxed}$ | _        | ┖  | $oxed{oxed}$ |          |   | <u></u>      | 73       | Ŀ  |          |         |                         |               | $\sqcup$      |        |          | 123        |          |                     |          |          |          |          |          | $\perp$  |           |
|                | 24       | <u> </u>     |          | <u> </u>     | <u> </u>   | <u> </u>     | <u> </u> | ļ.,  | _            |          | 1 | L            | 74       | $\sqcup$   |          | $\bot$  | $\perp$                 |               |               |        |          | 124        | Ш        |                     |          | _        |          |          | $\dashv$ | $\dashv$ |           |
|                | 25       | ļ            | _        | <u> </u>     | _  | <u> </u>     | ├        | ├-   | ⊢            | _        | 1 | <u> </u>     | 75       | $\vdash$   |          | _       | $\sqcup$                | -             | -             |        |          | 125        |          | _                   |          |          |          |          | $\dashv$ | $\dashv$ | $\dashv$  |
|                | 26<br>27 | ├            | -        | ⊢            | -  | -            | H        | -  | ├—           |          | 1 | -            | 76<br>77 | $\vdash$   |          | +       | ╂╂                      | +             | +             |        |          | 126        | Н        |                     | -        | $\vdash$ |          | -        | $\dashv$ | $\dashv$ | ᅴ         |
| -              | 28       | $\vdash$     | $\vdash$ | ├—           | ⊢  | ├-           | ⊢        | ⊢  | $\vdash$     | -        | ł | <b></b>      | 78       | $\vdash$   |          |         | ╁                       | +             | ╁┼            |        | <u> </u> | 127<br>128 | H        | $\dashv$            |          | _        | _        |          |          | $\dashv$ | $\dashv$  |
|                | 29       | -            | -        | ┝            | ┢  | ╁            | ⊢        | ┢╌   | <del> </del> | -        |   | <b>-</b>     | 79       | $\vdash$   |          | +       | ╁                       | +             | + +           | _      |          | 129        | H        | $\dashv$            | $\dashv$ | $\dashv$ |          |          | -        | $\dashv$ | ᅴ         |
|                | 30       | -            |          | ┢╌           | $\vdash$   | ┢            | ┢        | ╁╌   | $\vdash$     |          | 1 | <u> </u>     | 80       | $\vdash$   |          | +       | +                       | +-            | +             |        |          | 130        | H        | -+                  |          | $\vdash$ | $\dashv$ | -        | $\dashv$ | $\dashv$ | $\dashv$  |
|                | 31       | $\vdash$     |          | $\vdash$     | $\vdash$   | ╁╾           | 一        | -  | 1            | -        | 1 | <b>-</b>     | 81       | $\vdash$   |          | +       | 1-1                     | +             | +             |        | ├        | 131        |          | $\dashv$            | ┪        |          |          |          | $\dashv$ | $\dashv$ | $\dashv$  |
| -              | 32       |              |          | $\vdash$     | <del>                                     </del> | t            | $\vdash$ | $\vdash$   | $\vdash$     |          | 1 |              | 82       | 11   | $\dashv$ | +       | ++                      | +             | 1-1           |        |          | 132        | $\vdash$ | 十                   |          |          |          | -        | $\dashv$ | ᆉ        | $\dashv$  |
|                | 33       | _            |          |              | H  | T            | $\vdash$ | $\vdash$   | <b>†</b>     |          | 1 |              | 83       | H  |          | +       |                         |               | +             |        |          | 133        |          |                     | 一        | $\dashv$ | _        |          | $\dashv$ | 十        |           |
|                | 34       |              |          |              |  | <b> </b>     |          |  | П            |          | 1 |              | 84       | $\Box$   |          |         |                         | $\top$        | 11            |        | <b></b>  | 134        | П        | $\Box$              | 寸        | $\dashv$ | _        |          | $\dashv$ | 十        | ᅥ         |
|                | 35       |              |          |              |  |              |          |  |              |          | ] |              | 85       |  |          |         |                         |               | $\Box$        |        |          | 135        |          |                     |          |          |          |          | 7        | $\dashv$ | $\exists$ |
|                | 36       |              |          |              | Ŀ  |              |          |  |              |          |   |              | 86       |  |          | Ι       |                         |               |               |        |          | 136        |          |                     |          |          |          |          |          |          |           |
|                | 37       |              |          |              | L  |              |          |  |              |          |   |              | 87       | $\Box$   | $\perp$  |         |                         |               |               |        |          | 137        |          |                     |          |          |          |          | $\Box$   |          |           |
| <u> </u>       | 38       | L            | <u> </u> | <u> </u>     | <b> </b> _                                       | <del> </del> | <u> </u> | ــــــــــــــــــــــــــــــــــــــ           |              | L.       |   | <u> </u>     | 88       | Ш  |          |         | $\sqcup$                | $\perp$       | $\sqcup$      |        |          | 138        |          |                     | $\Box$   |          |          |          |          | $\Box$   |           |
|                | 39       | <u> </u>     | _        | <u> </u>     | Ь_   | ⊢            | ⊢-       | <b>L</b>   | _            | _        |   | <u> </u>     | 89       | $\sqcup$   | 4        | $\perp$ | $\downarrow \downarrow$ |               | $\bot$        |        |          | 139        | Ш        | $\sqcup$            |          |          |          |          | $\perp$  | [        |           |
| <u> </u>       | 40       | ┡            | $\vdash$ | $\vdash$     | <u> </u>   | ├            | ├        | ┞  |              | _        |   | <u> </u>     | 90       | <del>                                     </del> | +        | +       | +                       |               | +             |        | ļ        | 140        | Ш        | $\sqcup$            | _        | Ш        |          | Щ        |          |          | _         |
|                | 41<br>42 | -            | ├        | ├-           | <del> </del>                                     | $\vdash$     | ├        | ╀  | $\vdash$     | <u> </u> |   | <u> </u>     | 91       | $\vdash$   |          | +       | +                       |               | +             |        | ļ        | 141        | $\vdash$ | $\vdash \downarrow$ | 4        |          | _        | Щ        | _        | $\dashv$ | _         |
| <del>  -</del> | 42       | ├            | ⊢        | ⊢            | -  | ┼            | ╁        | ╀  | -            | -        |   |              | 92<br>93 | ╁╌┨  | +        | +-      | ╂╾╂                     | +             | ╁╾┥           | _      |          | 142        | $\vdash$ | $\vdash \downarrow$ | -        |          | _        | Ш        | -        | $\dashv$ | 긕         |
| <u> </u>       | 44       | -            | Ι-       | $\vdash$     | $\vdash$   | $\vdash$     | $\vdash$ | ╁╌   | ╁            | Ι-       | 1 | -            | 94       | $\vdash$   | +        | +       | +                       | +             | +             |        | <b></b>  | 143        | $\vdash$ | $\vdash$            | $\dashv$ | $\vdash$ | _        |          | -        |          | $\dashv$  |
| <del></del>    | 45       | -            | $\vdash$ | <del> </del> | <del>  -  </del>                                 | ┼            | $\vdash$ | $\vdash$   | ╁            | -        | 1 | $\vdash$     | 95       | $\vdash \vdash$                                  | +        |         | +                       | +             | +             |        | <u> </u> | 144        | $\vdash$ | ┝                   | -        | $\vdash$ | -        | Н        | -        | -+       | $\dashv$  |
|                | 46       | $\vdash$     | -        | $\vdash$     | <del>  -</del>                                   | $\vdash$     | $\vdash$ | <del>                                     </del> | $\vdash$     | -        | 1 | <b>—</b>     | 96       | $\vdash$   | +        | +       | +                       |               | +             | _      |          | 146        | $\vdash$ | +                   | $\dashv$ | $\dashv$ | -        | $\vdash$ | $\dashv$ | $\dashv$ | $\dashv$  |
|                | 47       | $\vdash$     | -        | $\vdash$     | <del>                                     </del> | t            | $\vdash$ | $\vdash$   | $\vdash$     | -        | 1 |              | 97       | $\vdash$   | +        | +       | 1-1                     |               | ╁┯╂           | -      | <b></b>  | 147        | $\vdash$ | $\vdash$            | $\dashv$ | $\vdash$ |          | $\dashv$ | $\dashv$ | $\dashv$ | -         |
|                | 48       | $\vdash$     | $\vdash$ | Г            | Г  | $t^-$        | T        | <del>                                     </del> | $\vdash$     | т        |   | $\vdash$     | 98       | $\vdash$   | +        | +       | +                       | $\dashv$      | ╁╌┤           | _      |          | 148        | $\vdash$ | $\dashv$            | $\dashv$ | $\vdash$ | -        |          | $\dashv$ | $\dashv$ | $\dashv$  |
|                | 49       |              |          |              |  |              |          | Π  |              |          | 1 |              | 99       | $\sqcap$   | $\dashv$ | $\top$  | $\dagger \dagger$       | _             | 1-1           |        |          | 149        | Н        | $\dashv$            | 7        | $\vdash$ | ٦        |          | $\dashv$ | $\dashv$ | ㅓ         |
|                | 50       |              |          |              |  |              |          |  |              |          | ] |              | 100      | П  | $\neg$   | $\top$  | 1 1                     | $\top$        | 11            |        |          | 150        |          | $\dashv$            | 7        |          |          |          | $\dashv$ | 7        | $\dashv$  |